

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Sunghoon KIM et al.

Title: IMMUNOLOGICAL ENHANCEMENT AGENT COMPRISING N-TERMINAL PEPTIDE OF p43 AS AN EFFECTIVE COMPONENT

Appl. No.: Unassigned

Filing Date: 04/14/2004

Examiner: Unassigned

Art Unit: Unassigned

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Mail Stop PATENT APPLICATION
Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

Applicants submit herewith on Form PTO/SB/08 a listing of the documents cited by or submitted to the U.S. PTO in parent application Serial No. 09/930,169, filed 08/16/2001. As provided in 37 CFR §1.98(d), copies of the documents are not being provided since they were previously submitted to the United States Patent & Trademark Office in the above-identified parent application.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the filing date of the application.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

By 

Date: April 14, 2004

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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	Unassigned
Date Submitted: April 14, 2004 <i>(use as many sheets as necessary)</i>				Filing Date	04/14/2004
				First Named Inventor	Sunghoon KIM
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	1	of	2	Attorney Docket Number	058333-0118

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	A1	WO	00/73801	A2	LUDWIG INSTITUTE FOR CANCER RESEARCH	12-07-2000		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A2	QUEVILLON, S. et al. "The p43 Component of the Mammalian Multi-synthetase Complex Is Likely to be the Precursor of the Endothelial Monocyte-activating Polypeptide II Cytokine", J.Biol.Chem. (1997), Vol. 272, No. 51, pp. 32573-32579, The American Society for Biochemistry and Molecular Biology, Inc.	
	A3	BEHRENSDORF, H. et al. "The endothelial monocyte-activating polypeptide II (EMAP II) is a substrate for caspase-7" FEBS Lett., (2000), Vol. 466, pp. 143-147, Federation of European Biochemical Societies.	
	A4	KAO, J. et al. "A Peptide Derived from the Amino Terminus of Endothelial-Monocyte-activating Polypeptide II Modulates Mononuclear and Polymorphonuclear Leukocyte Functions, Defines an Apparently Novel Cellular Interaction Site, and Induces an Acute Inflammatory Response", J. Biol. Chem. (1994), Vol. 269, No. 13, pp. 9774-9782, The American Society for Biochemistry and Molecular Biology, Inc.	
	A5	KAO, J. et al. "Endothelial Monocyte-activating Polypeptide II: A Novel Tumor-Derived Polypeptide That Activates Host-Response Mechanisms", J. Biol. Chem. (1992), Vol. 267, No. 28, pp. 20239-20247, The American Society for Biochemistry and Molecular Biology, Inc.	
	A6	KAO, J. et al. "Characterization of a Novel Tumor-derived Cytokine: Endothelial-Monocyte Activating", J. Biol. Chem. (1994), Vol. 269, No. 40, pp. 25106-25119, The American Society for Biochemistry and Molecular Biology, Inc.	
	A7	KNIES, U.E. et al., "Regulation of endothelial monocyte-activating polypeptide II release by apoptosis", Proc. Natl. Acad. Sci. USA (1998), Vol. 95, pp. 12322-12337.	
	A8	SCHWARZ, M.A. et al., "Endothelial-Monocyte Activating Polypeptide II, A Novel Antitumor Cytokine that Suppresses Primary and Metastatic Tumor Growth and Induces Apoptosis in Growing Endothelial Cells", J. Exp. Med. (1999) Vol. 190, No. 3, pp. 341-352, The Rockefeller University Press.	
	A9	TAS, M.P.R. and MURRAY, J.C., "Endothelial-Monocyte-Activating Polypeptide II", Int. J. Biochem. Cell. Biol. (1996), Vol. 28, No. 8, pp. 837-841, 1996 Elsevier Science Ltd.	

Examiner Signature

Date Considered

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	A10	SCHLUESENER, H.J. et al., "Localization of Endothelial-Monocyte-Activating Polypeptide II (EMAP II), a Novel Proinflammatory Cytokine, to Lesions of Experimental Autoimmune Encephalomyelitis, Neuritis, and Uveitis", GLIA (1997), Vol. 20, pp. 365-372, Wiley-Liss, Inc.		T ⁶
	A11	BERGER, A.C. et al., "Endothelial Monocyte-Activating Polypeptide II, a Tumor-Derived Cytokine That Plays an Important Role in Inflammation, Apoptosis, and Angiogenesis", J. Immunother. (2000), Vol. 23, No. 5, pp. 519-527, Lippincott, Williams and Wilkins, Inc.		
	A12	KO, Y.G. et al., "A Cofactor of tRNA Synthetase, p43, Is Secreted to Up-regulate Proinflammatory Genes", J. Biol. Chem. (2001), Vol. 276, No. 25, pp. 23028-23033, The American Society for Biochemistry and Molecular Biology, Inc.		
	A13	PARK, S.G. et al., "Precursor of Pro-apoptotic Cytokine Modulates Aminoacylation Activity of tRNA Synthetase", J. Biol. Chem. (1999), Vol. 274, No. 24, pp.16673-16676, The American Society for Biochemistry and Molecular Biology, Inc.		

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